



DATA

SHEET

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Technical Data

TYPE DA-5 AUDIO DISTRIBUTION AMPLIFIER



The CEI Type DA-5 Audio Distribution Amplifier is designed to provide five isolated outputs from a common audio input. It features outstanding gain stability over a wide temperature range, as well as extremely high isolation between outputs and between the input and the outputs. Internally adjusted gain controls are provided to set the amplitude of each output signal. The DA-5 incorporates five identical audio amplifier circuits mounted on etched circuit, plug-in cards. Each amplifier has a frequency response of 150 Hz to 10 kHz. The amplifiers have built-in protection to prevent damage in the event the outputs are shorted. All input and output connections to the DA-5 are made by means of terminal boards mounted on the rear panel. An internal power supply provides a regulated +24 vdc source for proper operation of the unit.

SPECIFICATIONS

Inputs	One
Input Level	Up to 2 volts rms
Input Impedance	10k ohms, ungrounded
Frequency Response	150 Hz to 10 kHz (± 1 dB)
Gain	Adjustable over range of -6 dB to +6 dB
Gain Control	Internal gain control for each channel
Gain Stability	Within 0.75 dB over temperature range of 0°C to +85°C
Outputs	Five, isolated
Output Impedance:	
Internal Impedance	600 ohms or 150 ohms
Optimum Load Impedance	600 ohms, balanced, or 150 ohms, unbalanced
Output Protection	Outputs protected from damage due to load impedance variations from zero ohms to infinity
Isolation Between Outputs or Input to Output	60 dB, minimum
Distortion	At +20 dBm output less than 1% distortion
Noise and Hum Level	-70 dBm
Input and Output Connections	Barrier strips on rear apron

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SPECIFICATIONS - (Cont'd)

Power	115/230 vac, 50-400 Hz
Power Consumption	4 watts, approximately
Size	3.5-inches high, 19-inches wide, and 12-inches deep

PRICE: \$595.00

FOB Rockville, Maryland. Taxes extra where applicable. Price and specifications subject to change without notice.